

# Quorum Sensing Research Reagents

Quorum sensing (QS) is a type of cell-cell communication that allows bacteria to share information about their surrounding environment and to adjust gene expression accordingly. QS can regulate several behaviors in bacteria such as secretion of virulence factors, biofilm formation, etc. We offer the products associated with the quorum sensing research.

Products	References
<b>Apigenin</b> [A1514]	<i>Microbiology</i> <b>2011</b> , 157, 2120.
<b>D-(-)-Arabinose</b> [A0513]	<i>Int. J. Oral Biol.</i> <b>2021</b> , 46, 111.
<b>L-(+)-Arabinose</b> [A0515]	<i>Front. Cell. Infect. Microbiol.</i> <b>2021</b> , 11, 698146. <i>Appl. Environ. Microbiol.</i> <b>2013</b> , 79, 2069.
<b>L-Ascorbic Acid</b> [A0537] <b>L-Ascorbic Acid Sodium Salt</b> [A0539]	<i>Front. Microbiol.</i> <b>2020</b> , 11, 1054. <i>J. Food Sci.</i> <b>2004</b> , 69, FMS72.
<b>Baicalein</b> [T2721]	<i>PLoS ONE</i> <b>2016</b> , 11, e0153468. <i>Appl. Microbiol. Biotechnol.</i> <b>2008</b> , 79, 119.
<b>4-Benzyloxyphenylboronic Acid</b> [B2145]	<i>Biochem. Biophys. Res. Commun.</i> <b>2008</b> , 369, 590.
<b>Bleomycin Sulfate (mixture)</b> [B3972]	<i>Antibiotics</i> <b>2019</b> , 8, 270.
<b>4-Chloroanthranilic Acid</b> [A0661] <b>6-Chloroanthranilic Acid</b> [C2048]	<i>PLoS Pathog.</i> <b>2007</b> , 3, e126.
<b>Chlorzoxazone</b> [C2237]	<i>Antimicrob. Agents Chemother.</i> <b>2009</b> , 53, 2432.
<b>Ciprofloxacin</b> [C2510] <b>Ciprofloxacin Hydrochloride Monohydrate</b> [C2227]	<i>Indian J. Med. Res.</i> <b>2016</b> , 143, 643.
<b>Cisplatin</b> [D3371]	<i>Antibiotics</i> <b>2019</b> , 8, 270.
<b>4-Cyanophenylboronic Acid</b> [C1778]	<i>Biochem. Biophys. Res. Commun.</i> <b>2008</b> , 369, 590.
<b>Cyclo(L-Pro-L-Val)</b> [C3893]	<i>Mol. Microbiol.</i> <b>1999</b> , 33, 1254.
<b>Esculetin</b> [E0386]	<i>Front. Microbiol.</i> <b>2021</b> , 12, 737626. <i>Molecules</i> <b>2016</b> , 21, 468. <i>Appl. Microbiol. Biotechnol.</i> <b>2008</b> , 79, 119.
<b>6-Fluoroanthranilic Acid</b> [F0475]	<i>PLoS Pathog.</i> <b>2007</b> , 3, e126.
<b>2-Fluoro-4-methylphenylboronic Acid</b> [F0683] <b>3-Fluoro-4-methylphenylboronic Acid</b> [F0712]	<i>Biochem. Biophys. Res. Commun.</i> <b>2008</b> , 369, 590.
<b>5-Fluorouracil</b> [F0151]	<i>Nucleic Acids Res.</i> <b>2021</b> , 49, e73. <i>Antibiotics</i> <b>2019</b> , 8, 270. <i>Microb. Biotechnol.</i> <b>2009</b> , 2, 62.
<b>2(5H)-Furanone</b> [C1078]	<i>J. Microbiol.</i> <b>2010</b> , 41, 227.
<b>Farnesol (mixture of isomers)</b> [T0608]	<i>Eukaryot. Cell</i> <b>2011</b> , 10, 1034. <i>Chem. Biol.</i> <b>2003</b> , 10, 743. <i>Appl. Environ. Microbiol.</i> <b>2002</b> , 68, 5459. <i>Appl. Environ. Microbiol.</i> <b>2001</b> , 67, 2982.

# Quorum Sensing Research Reagents

<b>Hesperidin</b>	<b>[H0049]</b>	<i>J. Agric. Food Chem.</i> <b>2012</b> , 60, 8885. <i>J. Appl. Microbiol.</i> <b>2010</b> , 109, 515.
<b>Hordenine</b>	<b>[H1351]</b>	<i>J. Agric. Food Chem.</i> <b>2018</b> , 66, 1620.
<b>Kaempferol</b>	<b>[K0018]</b>	<i>Microbiology</i> <b>2011</b> , 157, 2120.
<b>Linalool</b>	<b>[L0048]</b>	<i>Biofouling</i> <b>2016</b> , 32, 155.
<b>Metamizole Sodium Salt</b>	<b>[M3060]</b>	<i>Antibiotics</i> <b>2019</b> , 8, 270.
<b>Metformin Hydrochloride</b>	<b>[M2009]</b>	<i>Afr. Health Sci.</i> <b>2017</b> , 17, 808.
<b>Methotrexate Hydrate</b>	<b>[M1664]</b>	<i>Antibiotics</i> <b>2019</b> , 8, 270.
<b>4-(Methoxycarbonyl)phenylboronic Acid</b>	<b>[M1907]</b>	<i>Biochem. Biophys. Res. Commun.</i> <b>2008</b> , 369, 590.
<b>Naringenin</b>	<b>[N0072]</b>	<i>J. Agric. Food Chem.</i> <b>2012</b> , 60, 8885. <i>Microbiology</i> <b>2011</b> , 157, 2120. <i>J. Appl. Microbiol.</i> <b>2010</b> , 109, 515.
<b>Neohesperidin</b>	<b>[N1121]</b>	<i>J. Agric. Food Chem.</i> <b>2012</b> , 60, 8885. <i>J. Appl. Microbiol.</i> <b>2010</b> , 109, 515.
<b>Nifuroxazide</b>	<b>[N1181]</b>	<i>Antimicrob. Agents Chemother.</i> <b>2009</b> , 53, 2432.
<b>4-Nitropyridine N-Oxide</b>	<b>[N0410]</b>	<i>Langmuir</i> <b>2010</b> , 26, 12089. <i>Biochem. Biophys. Res. Commun.</i> <b>2008</b> , 369, 590.
<b>2-Phenylethyl Alcohol</b>	<b>[P0084]</b>	<i>Appl. Microbiol. Biotechnol.</i> <b>2021</b> , 105, 3635. <i>Genes Dev.</i> <b>2006</b> , 20, 1150.
<b>Quercetin</b> <b>Quercetin Hydrate</b>	<b>[Q0112]</b> <b>[P0042]</b>	<i>Microbiology</i> <b>2011</b> , 157, 2120.
<b>Rutin Hydrate</b>	<b>[R0035]</b>	<i>J. Appl. Microbiol.</i> <b>2010</b> , 109, 515.
<b>Thioridazine Hydrochloride</b>	<b>[T3102]</b>	<i>Antibiotics</i> <b>2019</b> , 8, 270.
<b>Tryptophol</b>	<b>[I0030]</b>	<i>J. Gen. Appl. Microbiol.</i> <b>2019</b> , 65, 277.
<b>Tyrosol</b>	<b>[H0720]</b>	<i>Eukaryot. Cell</i> <b>2006</b> , 5, 1770. <i>Proc. Natl. Acad. Sci. USA</i> <b>2004</b> , 101, 5048.

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